

|          |   |
|----------|---|
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## LIST OF ACRONYMS

|                       |  |
|-----------------------|--|
| AAR                   | Arizona Administrative Register  |
| ADEQ                  | Arizona Department of Environmental Quality  |
| AFO                   | Animal feeding operation   |
| AOC                   | Approvals of Construction  |
| APP                   | Aquifer Protection Program   |
| ATC                   | Approvals to Construct   |
| AZG&F                 | Arizona Game and Fish  |
| AZPDES                | Arizona Pollutant Discharge Elimination System   |
| BMP                   | Best Management Practice   |
| CAFO                  | Concentrated animal feeding operation  |
| CWA                   | Clean Water Act  |
| CWS                   | Community water system   |
| DMR                   | Discharge monitoring report  |
| EMP/ERP/VA            | Emergency Management Planning/Emergency Response Plan/Vulnerability Assessment   |
| EPA                   | Environmental Protection Agency  |
| EPR                   | Enforcement and Protocol Response  |
| ETT                   | Enforcement tracking tool  |
| FY                    | Fiscal year  |
| GIS                   | Geographical Information System  |
| GP                    | General permit   |
| GPS                   | Global Positioning System  |
| GPS                   | Global Positioning System  |
| GQPP                  | Groundwater quality protection permit  |
| GRTS                  | Grants Reporting and Tracking System   |
| GUDI (see also GWUDI) | Groundwater under the direct influence of surface water  |
| GW                    | Ground water   |
| GWP                   | Ground water purchased   |
| GWPL                  | Ground water protection list   |
| GWUDI                 | Ground water under the direct influence of surface water   |
| ICIS                  | Integrated Compliance Information System   |
| IUP                   | Intended Use Plan  |
| MAP                   | Monitoring Assistance Program  |
| MOU                   | Memorandum of Understanding  |
| MPL                   | Master priority list   |
| MSGP                  | Multi-sector general permit  |
| NOC                   | Notice of Correction   |
| NOD                   | Notice of Decision   |
| NOV                   | Notice of Violation  |
| NPDES                 | National Pollution Discharge Elimination System  |
| NPS                   | Non-Point Source. <i>References after NPS notations refer to Goals, Objectives and Strategies of the 5-Yr. Non-Point Source Management Plan (i.e. “NPS 1.a.i” refers to Goal 1, Objective a, Strategy i)."</i> |
| NRCS                  | National Resources Conservation Service  |
| NTNCWS                | Non-transient non-community water system   |
| NWQI                  | National Water Quality Initiative  |
| OECA                  | Office of Enforcement and Compliance Assurance   |
| PCI                   | Pretreatment compliance inspections  |
| PFA                   | Preliminary financial application  |
| POTW                  | Publicly owned treatment works   |
| PWS                   | Public water system  |
| QNCR                  | Quarterly non-compliance report  |
| QNVR                  | Quarterly non-compliance violation report  |
| RFGA                  | Request for grant application  |

|       |   |
|-------|---|
| RWIC  | Rural Water Infrastructure Committee          |
| SAP   | Sampling and Analysis Plan                    |
| SDWA  | Safe Drinking Water Act                       |
| SDWIS | Safe Drinking Water Information System        |
| SE    | System evaluation                             |
| SEAGO | Southeastern Arizona Governments Organization |
| SIU   | Significant industrial users                  |
| SNC   | Significant non-compliance                    |
| SW    | Surface water                                 |
| SWA   | Source water assessment                       |
| SWP   | Surface water purchased                       |
| SWPP  | Source Water Protection Program               |
| SWPPP | Storm Water Pollution Prevention Plan         |
| TMDL  | Total maximum daily load                      |
| TMF   | Technical managerial and financial            |
| USFS  | United States. Forest Service                 |
| WIFA  | Water Infrastructure Finance Authority        |
| WIP   | Watershed Improvement Plan                    |
| WQD   | Water Quality Division                        |
| WQIG  | Water Quality Improvement Grant               |
| WQIP  | Water Quality Improvement Plan                |
| WQM   | Water quality management                      |
| WWTP  | Waste water treatment plant                   |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.1 Drinking Water Plan Review

Review applications for drinking water projects including new water production, treatment, storage and distribution facilities and appurtenances, modifications to existing facilities, and point-of-use/point-of-entry devices. Review plans for swimming pools.

Assist individual drinking water systems to improve operations on site.

#### 1.1 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section | Grant     |
|---|-------------|--------|---------------------|-----------|
| 1 Report numbers of permitting decisions on drinking water plan review applications. POU/POE approvals are included in the ATC/AOC numbers. |             |        |                     | DWSRF 10% |
| a Approvals to Construct (ATC)  | Semi-Annual |        | Drinking Water      |           |
| b Approvals of Construction (AOC)   | Semi-Annual |        | Drinking Water      |           |

| 1.1 FTE Funding Source      | FTE  | Personnel | ERE     | Indirect | Others | Total   |
|-----------------------------|------|-----------|---------|----------|--------|---------|
| WQFF-DWSRF 10% [Match]      | 0.50 | 31,040    | 13,658  | 19,998   |        | 64,696  |
| WQFF                        | 2.17 | 91,607    | 40,307  | 59,018   |        | 190,932 |
| SDW (VEI) DWSRF 10% [Match] | 0.81 | 57,770    | 25,419  | 37,219   |        | 120,408 |
| DWSRF 10%                   | 1.92 | 108,219   | 47,616  | 69,721   |        | 225,556 |
| TOTALS                      | 5.40 | 288,636   | 127,000 | 185,956  |        | 601,592 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.2 Drinking Water Technical Assistance

Continue WIFA/DEQ partnership in providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.

#### 1.2 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target        | Actual | Responsible Section | Grant     |
|---|---------------|--------|---------------------|-----------|
| 1 Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.   | 3/16/2017     |        | Drinking Water      |           |
| 2 Initiate System Evaluations (SEs) projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state. | Semi-Annually |        | Drinking Water      |           |
| 3 Report the decrease in missed monitoring violations for lead and copper   | 4/15/2017     |        | Drinking Water      | DWSRF 10% |
| 4 Report the technical assistance provided to small PWS with a high score on the MPL  | Semi-Annually |        | Drinking Water      | DWSRF 10% |
| 5 Report the the number of small PWSs in compliance   | 6/30/2017     |        | Drinking Water      | DWSRF 10% |
| 6 If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conference/workshop   | 6/30/2017     |        | Drinking Water      |           |
| 7 If resources are available, ADEQ will attend the EPA - ORD Small Systems Compliance Technology Workshop   | 6/30/2017     |        | Drinking Water      |           |
| 8 Report the number of small PWS which a water rate analysis/rate case was completed.   | Semi-annually |        | Drinking Water      |           |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.2 Drinking Water Technical Assistance

Continued

| 1.2 FTE Funding Source                    | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|---|------|-----------|--------|----------|---------|---------|
| SDW (VEI) DWSRF 10% [Match]               | 0.50 | 29,432    | 12,950 | 18,962   |         | 61,344  |
| SDW (VEI)                                 | 0.18 | 9,421     | 4,145  | 6,070    |         | 19,636  |
| DWSRF 10%                                 | 0.69 | 34,886    | 15,350 | 22,476   |         | 72,712  |
| Contract: Oper Tech Assist (DSWRF 15%)    |      |           |        |          | 200,000 | 200,000 |
| Contract: Oper Tech Assist (2% set aside) |      |           |        |          | 200,000 | 200,000 |
| TOTALS                                    | 1.37 | 73,739    | 32,445 | 47,508   | 400,000 | 553,692 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DRW

#### TASK 1.3 Operator Certification

The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.

ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.

| 1.3 DELIVERABLES:  |             |        |                     |       |
|--|-------------|--------|---------------------|-------|
| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section | Grant |
| 1 Conduct training workshops.  | 6           |        | Drinking Water      | PPG   |
| 2 Report certificates issued by class and grade:                               |             |        |                     | PPG   |
| a Distribution Grade 1   | Semi-Annual |        | Drinking Water      |       |
| b Distribution Grade 2   | Semi-Annual |        | Drinking Water      |       |
| c Distribution Grade 3   | Semi-Annual |        | Drinking Water      |       |
| d Distribution Grade 4   | Semi-Annual |        | Drinking Water      |       |
| e Treatment Grade 1  | Semi-Annual |        | Drinking Water      |       |
| f Treatment Grade 2  | Semi-Annual |        | Drinking Water      |       |
| g Treatment Grade 3  | Semi-Annual |        | Drinking Water      |       |
| h Treatment Grade 4  | Semi-Annual |        | Drinking Water      |       |
| 3 Review and verify professional development hours for certification renewals. | 10%         |        | Drinking Water      | PPG   |
| 4 Conduct annual audit of approved third party proctors.                       | 100%        |        | Drinking Water      | PPG   |
| 5 FY16 Annual Report to EPA  | 9/15/2016   |        | Drinking Water      | PPG   |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DRW

#### TASK 1.3 Operator Certification

Continued

| 1.3 FTE Funding Source                    | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|---|------|-----------|--------|----------|---------|---------|
| WQFF-DWSRF 10% [Match]                    | 1.00 | 37,570    | 16,531 | 24,205   |         | 78,306  |
| SDW (VEI) DWSRF 10% [Match]               | 1.67 | 85,457    | 37,601 | 55,056   |         | 178,114 |
| SDW (VEI)                                 | 0.25 | 15,777    | 6,942  | 10,164   |         | 32,883  |
| PPG                                       | 0.58 | 28,078    | 12,354 | 18,089   |         | 58,521  |
| Contract: Oper Tech Assist (2% set aside) |      |           |        |          | 100,160 | 100,160 |
| TOTALS                                    | 3.50 | 166,882   | 73,428 | 107,514  | 100,160 | 447,984 |

#### End of Year Summary



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.4 New and Existing System Capacity Development

Ensure that new community water systems and non-transient, non-community water systems which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.

Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.

| 1.4 DELIVERABLES:  |             |        |                         |           |
|--|-------------|--------|-------------------------|-----------|
| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section     | Grant     |
| 1 Report permitting decisions on elementary business plan applications.  | Semi-Annual |        | Drinking Water          | DWSRF 10% |
| 2 Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following topics:                       |             |        |                         | DWSRF 10% |
| a Monitoring Assistance Program  | 2           |        | Drinking Water          |           |
| b New PWS capacity development   | 2           |        | Drinking Water          |           |
| c EMP/ERP/VA   | 2           |        | Drinking Water          |           |
| d Existing Safe Drinking Water rules   | 4           |        | Drinking Water          |           |
| 3 FY16 Annual Report   | 9/15/2016   |        | Drinking Water          | DWSRF 10% |
| 4 Re-evaluate the capacity development program as part of the development of the small systems compliance strategy identified in Task 1.2. | 6/30/2017   |        | Drinking Water Director | DWSRF 10% |

| 1.4 FTE Funding Source | FTE  | Personnel | ERE   | Indirect | Others | Total  |
|------------------------|------|-----------|-------|----------|--------|--------|
| SDW (VEI)              | 0.08 | 4,837     | 2,128 | 3,116    |        | 10,081 |
| DWSRF 10%              | 0.29 | 17,282    | 7,604 | 11,134   |        | 36,020 |
| TOTALS                 | 0.37 | 22,119    | 9,732 | 14,250   |        | 46,101 |

### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.5 Drinking Water Monitoring Assistance Program (MAP)

Assist small public water systems serving fewer than 10,000 populations with improving system compliance by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.

#### 1.5 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target        | Actual | Responsible Section | Grant |
|--|---------------|--------|---------------------|-------|
| 1 Update monitoring schedules, including waivers and/or reduced monitoring assessments, for: |               |        |                     |       |
| a Groundwater PWSs   | Semi-Annually |        | Drinking Water      |       |
| b Surface water PWSs   | Semi-Annually |        | Drinking Water      |       |

| 1.5 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others  | Total   |
|------------------------|------|-----------|--------|----------|---------|---------|
| SDW (VEI)              | 0.48 | 30,617    | 13,471 | 19,725   |         | 63,813  |
| Map Fee Fund           | 1.00 | 45,841    | 20,170 | 29,533   |         | 95,544  |
| Contract: Map Lab      |      |           |        |          | 750,000 | 750,000 |
| TOTALS                 | 1.48 | 76,458    | 33,641 | 49,258   | 750,000 | 909,357 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.6 Drinking Water Monitoring and Reporting

These activities will support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules.

#### 1.6 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target  | Actual | Responsible Section        | Grant     |
|---|---|--------|----------------------------|-----------|
| 1 Complete SDWIS reporting for OECA on actions taken on systems with new violations.  | T = Quarterly                                   | A =    | Drinking Water             | DWSRF 10% |
| 2 Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run. | T = Semi-Annual                                 | A =    | Drinking Water             | DWSRF 10% |
| 3 Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.   | T= Monthly (12)                                 | A =    | Drinking Water             | DWSRF 10% |
| 4 Complete GUDI determinations on new groundwater sources as they are developed. Report determinations.   | T = Semi-Annual                                 | A =    | Drinking Water             | DWSRF 10% |
| 5 Review and respond to incremental primacy crosswalks comments as provided by EPA for PWS definition, Arsenic and Radionuclides  | T = Within 45 days of receipt from EPA Region 9 | A =    | Drinking Water, Director   | DWSRF 15% |
| 6 Review the January 2016 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY16  | 7/1/2016  |        | Drinking Water             | DWSRF 15% |
| 7 Conduct an oversight audit of Maricopa County delegated program   | 6/30/2017                                       |        | Compliance /Drinking Water | DWSRF 15% |
| 8 If resources are available attend the annual ASDWA Data Management Users Conference   | Semi-Annually                                   |        | Drinking Water             | DWSRF 15% |
| 9 Coordinate with EPA to schedule an EPA PWSS program review  | 10/1/2016                                       |        | Drinking Water             |           |
| 10 Review EPA's PWSS program review report and incorporate recommendations into the FY17 workplan as appropriate  | 6/30/2017                                       |        | Drinking Water             |           |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.6 Drinking Water Monitoring and Reporting

Continued

| 1.6 FTE Funding Source      | FTE  | Personnel | ERE     | Indirect | Others | Total   |
|-----------------------------|------|-----------|---------|----------|--------|---------|
| SDW (VEI) DWSRF 10% [Match] | 0.33 | 21,003    | 9,241   | 13,531   |        | 43,775  |
| SDW (VEI)                   | 2.82 | 146,536   | 64,476  | 94,407   |        | 305,419 |
| DWSRF 15%                   | 1.46 | 78,540    | 34,558  | 50,600   |        | 163,698 |
| DWSRF 10%                   | 3.65 | 197,174   | 86,757  | 127,031  |        | 410,962 |
| TOTALS                      | 8.26 | 443,253   | 195,032 | 285,569  |        | 923,854 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.7 Source Water Protection

Identify protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).

- a) Source Water Protection – provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.
- b) Source Water Assessments – perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.
- c) GUDI/Suspect GUDI Evaluations/Hydrology reviews – Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.

#### 1.7 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target    | Actual | Responsible Section | Grant     |
|---|-----------|--------|---------------------|-----------|
| 1 Conduct Source Water Protection Program outreach events with individual PWSs.   | 6         |        | Drinking Water      | DWSRF 15% |
| 2 Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.<br>A)Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources. |           |        |                     | DWSRF 15% |
| a Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.   | 2         |        | Drinking Water      |           |
| 3 Conduct comprehensive inventories of potential sources of contamination.  | 6         |        | Drinking Water      | DWSRF 15% |
| a Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within ½ mile radius of a new or existing drinking water source.   | 3         |        | Drinking Water      |           |
| b Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.   | 6/30/2017 |        | Drinking Water      |           |
| 4 Assist public water systems to identify protection strategies and to implement those strategies.  |           |        |                     | DWSRF 15% |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: DWR

#### TASK 1.7 Source Water Protection

Continued

#### 1.7 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target              | Actual | Responsible Section | Grant     |
|---|---------------------|--------|---------------------|-----------|
| a Use new and updated SW assessments as part of a PWS's development of a SW Protection Plan | 4                   |        | Drinking Water      |           |
| 5 Participate in regional source water protection calls/forums.                             | As scheduled/needed |        | Drinking Water      | DWSRF 15% |

| 1.7 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| DWSRF 15%              | 1.85 | 112,331   | 49,426 | 72,370   |        | 234,127 |
| TOTALS                 | 1.85 | 112,331   | 49,426 | 72,370   |        | 234,127 |

End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR

#### TASK 2.1 Groundwater Protection – Permits

Carry out Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies.

Assist individual wastewater systems to improve operations on site.

| 2.1 DELIVERABLES:   |             |        |                          |           |
|---|-------------|--------|--------------------------|-----------|
| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section      | Grant     |
| 1 Report number of permitting decisions on Type 4 General Permit applications for on-site wastewater treatment systems and sewage collection systems.                             |             |        |                          | DWSRF 15% |
| a Construction Authorizations Strategy 2.b.i  | Semi-Annual |        | Drinking Water           |           |
| b Discharge Authorizations Strategy 2.b.i   | Semi-Annual |        | Drinking Water           |           |
| 2 Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications.   | Semi-Annual |        | Drinking Water           |           |
| Strategy 3.a.i  |             |        |                          |           |
| 3 Report on groundwater issues related to underground injection via the APP Permits with UIC Nexus.Table following Task 2.1.  | Semi-Annual |        | Water Permits            | DWSRF 10% |
| 4 Report number of permitting decisions on APP and reclaimed water permit applications.   | Semi-Annual |        | Water Permits            |           |
| 5 Provide technical support to WQIG on grant applications & public education.   | As needed   |        | Water Permits            |           |
| Strategy 3.a.i  |             |        |                          |           |
| 6 Register existing and new dry wells (Class V injection wells). Report number registered.  | Semi-Annual |        | Water Permits            | DWSRF 15% |
| 7 Provide list of APP recharge applications in progress. (Refer to Recharge Facility Reviews Table following Task 2.1.)   | Semi-Annual |        | Water Permits            | DWSRF 15% |
| 8 Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders. (Refer to Mitigation Order Reviews Table following Task 2.1) | Semi-Annual |        | Water Permits/Compliance | DWSRF 15% |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1**      Protect Human Health

**Program: GWR**

### **TASK 2.1**   Groundwater Protection – Permits

Continued

#### **2.1 DELIVERABLES:**

| <b>OUTPUT DESCRIPTION</b>                               |   | <b>Target</b> | <b>Actual</b> | <b>Responsible Section</b> | <b>Grant</b> |
|---|---|---------------|---------------|----------------------------|--------------|
| 9 Manage the Pesticide Contamination Prevention Program |   |               |               |                            |              |
| a   | Evaluate potential for agricultural use pesticide active ingredients to reach and/or impact groundwater. Report number processed. | Semi-Annual   |               | Water Permits              |              |
| b   | Publish the annual Groundwater Protection List (GWPL)   | Semi-Annual   |               | Water Permits              |              |



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR

#### TASK 2.1 Groundwater Protection – Permits

Continued

| 2.1 FTE Funding Source    | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|---------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-DWSRF 10% [Match]    | 3.88  | 229,791   | 101,108 | 148,044  |        | 478,943   |
| WQFF- PPG [Match]         | 2.91  | 182,952   | 80,499  | 117,868  |        | 381,319   |
| WQFF - NPS in PPG [Match] | 0.27  | 17,478    | 7,690   | 11,260   |        | 36,428    |
| WQFF                      | 8.61  | 460,331   | 202,546 | 296,571  |        | 959,448   |
| DWSRF 15%                 | 2.86  | 165,841   | 72,970  | 106,844  |        | 345,655   |
| DWSRF 10%                 | 1.49  | 97,997    | 43,119  | 63,135   |        | 204,251   |
| TOTALS                    | 20.02 | 1,154,390 | 507,932 | 743,722  |        | 2,406,044 |

### End of Year Summary

Table 1 - APP PERMITS WITH UIC NEXUS

| ProjectName   | Description  |
|---|--|
| Excelcior Gunnison  | The project is a proposed in situ (ISR) copper mine. The ISR method involves injecting low-pH barren solutions into the orebody using injection wells and extracting copper-bearing solutions at recovery wells that surround each injection well. |
| Florence Copper, Inc. Pilot Test Facility                         | FCI applied for a significant amendment to the Temporary Individual Permit. The purpose of the amendment is to address the Water Quality Appeals Board decision to uphold the Administrative Law Judge's decision on the Appeal of the permit.     |
| Kinder Morgan   | Kinder Morgan plans to develop the St. Johns Gas Unit as a major supplier of CO2 for enhanced recovery of oil and natural gas.   |
| Morton Salt   | Glendale, AZ. Salt is mined from Luke Salt Body via solution mining wells. Existing Individual APP (Permit #100176).   |
| BHP Miami   | APP to include injection well field. Existing Individual APP Permit #101546.   |
| City of Sedona Wastewater Reclamation Plant – Injection Test Well | Injection testing at the Sedona Wastewater Reclamation Plant (WWRP) using Class A+ reclaimed water to determine sustainable injection rates. Temporary APP 511189 was issued October 2013 and renewed until October 2015.                          |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR

#### TASK 2.1 Groundwater Protection – Permits

Continued

Table 2 - RECHARGE FACILITY REVIEWS

| ProjectName  | Description  |
|--|--|
| Pima County WWMD – Green Valley WW Reclamation Facility  | APP Amendment to add a new lift station and effluent line. Effluent disposal is to four percolation ponds. APP P-100629.   |
| City of Chandler – Ocotillo Water Reclamation Facility (USF Permit Application also)               | Amendment to existing APP P-100140 to increase the permitted wastewater effluent volume from the wastewater treatment plant from 10 MGD to 15.5 MGD.   |
| City of Cottonwood Riverfront Water Reclamation Facility (USF Permit application also)             | Application for an individual APP, Inventory Number 511220. To permit a new wastewater treatment plant, including the disposal of up to 300,000 GPD of wastewater effluent for irrigation reuse or to an injection well. |
| Eloy Detention Center Water Reclamation Facility   | Amendment to existing APP P-102749, including the addition of an additional recharge basin, and an increase of effluent disposal capacity from 622,000 GPD to 900,000 GPD.   |
| Marana Water Reclamation Facility (USF Permit application also)                                    | Amendment to APP P-100631 to increase the effluent disposal capacity from 0.7 MGD to 3.5 MGD. Includes the addition of two new treatment trains and three new recharge basins.   |
| City of Glendale – Arrowhead Ranch WRF   | Amendment to APP P-100385 to set alert levels and aquifer quality limits in a point of compliance well.  |
| City of Chandler - Chandler Heights Recharge Facility (USF Permit amendment also)                  | Amendment to existing APP P-105482 to increase the effluent recharge limit to five on-site recharge basins from 2 MGD to 5 MGD.  |
| City of Tucson – Southeast Houghton Area Recharge Project (USF Permit application also)            | APP application for recharge facility utilizing three new recharge basins for disposal of wastewater effluent from the Tucson Reclaimed Water Treatment Plant. Inventory number 511628.                                  |
| Liberty Utilities (Litchfield Park Water & Sewer) Corp.- Palm Valley Water Reclamation Facility    | Amendment to current APP P-100310 to allow recharge of effluent to four infiltration basins.   |
| Luke 303 Water Reclamation Facility (EPCOR West Valley Regional WRF) (USF Permit application also) | APP application for recharge of wastewater effluent to 13 on-site basins. Inventory number 511700.   |
| Redrock Correctional Center  | Amendment application to APP P-105663 upgrade the headworks at the wastewater treatment facility. Disposal includes four evaporation/percolation basins.   |
| Bensch Ranch WWTP  | Amendment application to APP P-105001 to change disposal method from AZPDES discharge to percolation ponds   |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1**      Protect Human Health

**Program: GWR**

### **TASK 2.1**    Groundwater Protection – Permits

Continued

|  |   |
|--|---|
| Town of Gilbert South Recharge Site  | Review of APP compliance schedule items relating to installation of four new point of compliance wells and an ambient groundwater monitoring program. APP P-105302. |
| City of Chandler - Ocotillo Brine Reduction Facility (USF Permit amendment also) | Amendment to existing APP P-102865 to allow an additional source water and disposal to three additional APP recharge permit locations.                              |
| Verrado Water Reclamation Facility   | Amendment to APP P-105202 to add a new effluent surface discharge point. Disposal locations include AZPDES discharge, reuse, and two vadose zone injection wells.   |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1**      Protect Human Health

**Program: GWR**

### **TASK 2.1**   Groundwater Protection – Permits

Continued

Table 3 - MITIGATION ORDER REVIEWS

| ProjectName               | Description  |
|---------------------------|--|
| Bisbee Mitigation Order   | Sulfate in groundwater from Freeport McMoRan Copper Queen Mine |
| Sierrita Mitigation Order | Sulfate in groundwater from Freeport McMoRan Sierrita Mine     |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Carry out federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.

#### 3.1 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target      | Actual  | Responsible Section | Grant |
|---|-------------|---|---------------------|-------|
| 1 Report the number of permitting decisions on AZPDES individual permit applications.   |             |   |                     |       |
| a.i Report numbers processed. Issued  | Semi-annual |   | Water Permits       |       |
| a.ii Report numbers processed. Modified   | Semi-annual |   | Water Permits       |       |
| a.iii Report numbers processed. Denied  | Semi-annual |   | Water Permits       |       |
| a.iv Report numbers processed. Suspended  | Semi-annual |   | Water Permits       |       |
| a.v Report numbers processed. Withdrawn/Revoked   | Semi-annual |   | Water Permits       |       |
| a.vi Report numbers processed. Backlogged   | Semi-annual |   | Water Permits       |       |
| b Coordinate with EPA on variance approval process and strategy.  | Semi-annual |   | Water Permits       |       |
| 2 Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog. (Refer to AZPDES Renewal Permits Table following Task 1.3.1.). For purposes of this work plan, 'backlog' means an AZPDES application that is 6 months after the permit expiration or one year after application receipt date for a new application. | >90%        | # Individual Permits:<br># General Permits:<br>Total # Permits:<br># Backlogged:<br>% backlogged: | Water Permits       |       |
| 3 Phase I MS4 Permits   |             |   |                     |       |
| a Review annual reports   | 1/31/2017   |   | Surface Water       |       |
| b Continue outreach efforts   | ongoing     |   | Surface Water       |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

#### 3.1 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target               | Actual | Responsible Section | Grant |
|---|----------------------|--------|---------------------|-------|
| 4 Implement activities for MS4 Permittees   |                      |        |                     |       |
| a.i Phase I<br>Conduct one audit of each permittee once every five years  | 2 (EPA will conduct) |        | Surface Water       |       |
| b.i Phase II<br>Perform one audit of each permittee once every seven years  | 6/30/2017            |        | Surface Water       |       |
| c Refer facilities to the Compliance Section for inspections as needed  | As needed            |        | Surface Water       |       |
| 5 Multi Sector General Permits  |                      |        |                     |       |
| a Reissue ADEQ Industrial Stormwater Permit (MSGP)  | 6/30/2017            |        | Surface Water       |       |
| 6 AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed: |                      |        |                     |       |
| a.i Biosolids GP<br>Notices of Intent   | Semi-annual          |        | Water Permits       |       |
| a.ii Biosolids GP<br>Notices of Termination   | Semi-annual          |        | Water Permits       |       |
| a.iii Biosolids GP<br>Total Number of Filers  | Semi-annual          |        | Water Permits       |       |
| b.i Infrequent discharge GP<br>Notices of Intent  | Semi-annual          |        | Water Permits       |       |
| b.ii Infrequent discharge GP<br>Notices of Termination  | Semi-annual          |        | Water Permits       |       |
| b.iii Infrequent discharge GP<br>Total Number of Filers   | Semi-annual          |        | Water Permits       |       |
| c.i Minor discharges GP<br>Notices of Intent  | Semi-annual          |        | Water Permits       |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 DELIVERABLES:  |   |             |        |                     |       |
|--------------------|---|-------------|--------|---------------------|-------|
| OUTPUT DESCRIPTION |   | Target      | Actual | Responsible Section | Grant |
| c.ii               | Minor discharges GP<br>Notices of Termination                     | Semi-annual |        | Water Permits       |       |
| c.iii              | Minor discharges GP<br>Total Number of Filers                     | Semi-annual |        | Water Permits       |       |
| d.i                | Multi-Sector General Permits<br>Notices of Intent                 | Semi-annual |        | Surface Water       |       |
| d.ii               | Multi-Sector General Permits<br>Notices of Termination            | Semi-annual |        | Surface Water       |       |
| d.iii              | Multi-Sector General Permits<br>Certificate of No Exposure        | Semi-annual |        | Surface Water       |       |
| d.iii              | Multi-Sector General Permits<br>Total Number of Filers            | Semi-annual |        | Surface Water       |       |
| e.i                | Stormwater Construction General Permits<br>Notices of Intent      | Semi-annual |        | Surface Water       |       |
| e.ii               | Stormwater Construction General Permits<br>Notices of Termination | Semi-annual |        | Surface Water       |       |
| e.iii              | Stormwater Construction General Permits<br>Waivers                | Semi-annual |        | Surface Water       |       |
| e.iii              | Stormwater Construction General Permits<br>Total Number of Filers | Semi-annual |        | Surface Water       |       |
| f.i.(1)            | DeMinimis General Permits<br>Notices of Intent<br>Single source   | Semi-annual |        | Surface Water       |       |
| f.i.(2)            | DeMinimis General Permits<br>Notices of Intent<br>Area wide       | Semi-annual |        | Surface Water       |       |
| f.ii               | DeMinimis General Permits<br>Notices of Termination               | Semi-annual |        | Surface Water       |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### **TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)**

Continued

| <b>3.1 DELIVERABLES:</b>  |   |               |               |                                  |
|---------------------------|---|---------------|---------------|----------------------------------|
| <b>OUTPUT DESCRIPTION</b> |   | <b>Target</b> | <b>Actual</b> | <b>Responsible Section Grant</b> |
| f.iii                     | DeMinimis General Permits<br>Total Number of Filers | Semi-annual   |               | Surface Water                    |
| g.i                       | Pesticide General Permit<br>Notices of Intent       | Semi-annual   |               | Surface Water                    |
| g.ii                      | Pesticide General Permit<br>Notices of Termination  | Semi-annual   |               | Surface Water                    |
| g.iii                     | Pesticide General Permit<br>Total Number of Filers  | Semi-annual   |               | Surface Water                    |



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

| 3.1 FTE Funding Source      | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|-----------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF                        | 14.47 | 701,157   | 308,509 | 451,725  |        | 1,461,391 |
| Contract: MS4 Audits (WQFF) |       |           |         |          | 92,000 | 92,000    |
| TOTALS                      | 14.47 | 701,157   | 308,509 | 451,725  | 92,000 | 1,553,391 |

## End of Year Summary

### 3.1 AZPDES RENEWAL PERMITS

| Permittee                                   | AZPDES #  | TYPE | Application Status      | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
|---|-----------|------|-------------------------|-----------------|---------------|--------------|--------|----------|
| Tempe Town Lake<br>** carryover             | AZ0024490 | Maj  | New Application Pending |                 |               |              | NA     | NA       |
| Big Park Domestic WWID                      | AZ0024082 | Min  | Backlogged              | 12/1/2010       | 6/1/2010      | 5/26/2010    | 52778  | SM       |
| US NPS GCNP - North Rim WWTP                | AZ0110426 | Min  | Backlogged              | 1/23/2011       | 7/23/2010     | 7/16/2010    | 52982  | RC       |
| US NPS GCNP - South Rim WWTP                | AZ0022152 | Min  | Backlogged              | 2/24/2011       | 8/24/2010     | 8/24/2010    | 53126  | RC       |
| Jerome, Town of                             | AZ0021804 | Min  | Backlogged              | 10/23/2012      | 4/23/2012     | 4/18/2012    | 56012  | RC       |
| Houston Creek Landing                       | AZ0025305 | Min  | Backlogged              | 6/2/2013        | 12/2/2012     | 12/3/2012    | 57314  | RC       |
| Flagstaff Meadows WWTP (formerly Bellemont) | AZ0024708 | Min  | Backlogged              | 7/24/2013       | 1/24/2013     | 2/13/2013    | 57314  | CC       |
| Cottonwood, City of - WWTP                  | AZ0024716 | Maj  | Backlogged              | 5/6/2014        | 11/6/2013     | 11/7/2013    | 59016  | JM       |
| BISON RANCH WWTP                            | AZ0025399 | Min  | Backlogged              | 12/17/2014      | 6/17/2014     | 10/14/2014   | 61334  | JM       |
| Resolution Copper                           | AZ0020389 | Maj  | Renewal In Process      | 1/9/2016        | 7/9/2015      | 7/9/2015     | 6270   | RC       |
| VIRGIN RIVER DWID WWTP                      | AZ0023655 | Min  | Renewal In Process      | 2/13/2016       | 8/13/2015     | 8/13/2015    | 62856  | SK       |
| SRP - ADMINISTRATIVE OFFICES                | AZ0024341 | Min  | Renewal In Process      | 3/17/2016       | 9/17/2015     | 9/16/2015    | 62982  | JM       |
| FREESCALE SEMICONDUCTOR                     | AZ0025861 | Min  | Renewal In Process      | 3/24/2016       | 9/24/2015     | 9/23/2015    |        | NA       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

#### 3.1 AZPDES RENEWAL PERMITS

| Permittee                                      | AZPDES #  | TYPE | Application Status          | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
|--|-----------|------|-----------------------------|-----------------|---------------|--------------|--------|----------|
| AG&F - CANYON CREEK FISH HATCHERY              | AZ0021229 | Min  | Renewal In Process          | 4/27/2016       | 10/27/2015    | 10/22/2015   | 63170  | JM       |
| PIMA COUNTY - WWMD - MOUNT LEMMON WWTP         | AZ0022250 | Min  | Renewal In Process          | 5/10/2016       | 11/10/2015    | 11/9/2015    | 63232  | SK       |
| MOTOROLA - NIBW AREA 12 - TREATMENT FACILITY   | AZ0025933 | Min  | Renewal In Process          | 5/25/2016       | 11/25/2015    | 11/16/2015   | 63277  | RM       |
| TOWN OF KEARNY - NEW WWTP                      | AZ0024449 | Min  | Renewal In Process          | 6/30/2016       | 1/2/2015      | 12/31/2015   | 63457  | NA       |
| USDOI NPS - GRAND CANYON NP - DESERT VIEW WWTP | AZ0023612 | Min  | Renewal In Process          | 10/12/2016      | 4/12/2016     | 4/11/2016    |        | RM       |
| CITY OF BENSON - WWTF                          | AZ0026026 | Maj  | Renewal In Process          | 10/24/2016      | 4/24/2016     | 4/26/2016    |        | RM       |
| BRADSHAW MOUNTAIN RV RESORT                    | AZ0024741 | Min  | Renewal Application Pending | 11/30/2016      | 5/30/2016     |              | NA     | NA       |
| CITY OF KINGMAN - DOWNTOWN POND                | AZ0026018 | Min  | Renewal In Process          | 12/20/2016      | 6/23/2016     |              | NA     | NA       |
| TOWN OF MAMMOTH - CIELO WWTP                   | AZ0025470 | Min  | Renewal Application Pending | 12/27/2016      | 6/27/2016     |              | NA     | NA       |
| TOWN OF WICKENBURG - WWTP                      | AZ0020044 | Min  | Renewal Application Pending | 12/27/2016      | 6/27/2016     |              | NA     | NA       |
| ENTRADA DEL ORO                                | AZ0024899 | Min  | Renewal Application Pending | 1/24/2018       | 7/28/2017     |              |        |          |
| TRILLIUM WEST WWTP                             | AZ0025518 | Maj  | Renewal Application Pending | 1/24/2018       | 7/28/2017     |              |        |          |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

#### 3.1 AZPDES RENEWAL PERMITS

| Permittee                                  | AZPDES #  | TYPE | Application Status          | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
|--|-----------|------|-----------------------------|-----------------|---------------|--------------|--------|----------|
| USAF - LUKE AFB - LITCHFIELD PARK WWTP     | AZ0110221 | Maj  | Renewal Application Pending | 1/24/2018       | 7/28/2017     |              |        |          |
| CITY OF YUMA - FIGUEROA AVE WPCF           | AZ0020443 | Maj  | Renewal Application Pending | 2/21/2018       | 8/25/2017     |              |        |          |
| NIBW GAC TREATMENT FACILITY                | AZ0026123 | Min  | Renewal Application Pending | 3/25/2018       | 9/26/2017     |              |        |          |
| JBS FIVE RIVERS CATTLE FEEDING             | AZ0026115 | Min  | Renewal Application Pending | 4/8/2018        | 10/10/2017    |              |        |          |
| AG&F - TONTO CREEK FISH HATCHERY           | AZ0021211 | Min  | Renewal Application Pending | 6/12/2018       | 12/14/2017    |              |        |          |
| CITY OF TUCSON - LAKESIDE PARK LAKE        | AZ0024201 | Min  | Renewal Application Pending | 6/16/2018       | 12/18/2017    |              |        |          |
| PALO VERDE ROAD WWTP                       | AZ0025500 | Min  | Renewal Application Pending | 6/23/2018       | 12/25/2017    |              |        |          |
| SUN VALLEY SOUTH WRP                       | AZ0025691 | Maj  | Renewal Application Pending | 6/23/2018       | 12/25/2017    |              |        |          |
| SUPERIOR SANITARY DISTRICT - WWTP          | AZ0021199 | Min  | Renewal Application Pending | 7/10/2018       | 1/11/2018     |              |        |          |
| SADDLEBROOKE RANCH WATER RECLAMATION PLANT | AZ0024775 | Min  | Renewal Application Pending | 7/10/2018       | 1/11/2018     |              |        |          |
| CAMELBACK ROAD & CENTRAL AVENUE WQARF AREA | AZ0024848 | Min  | Renewal Application Pending | 7/10/2018       | 1/11/2018     |              |        |          |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.1 Arizona Pollutant Discharge Elimination System (AZPDES)

Continued

#### 3.1 AZPDES RENEWAL PERMITS

| Permittee  | AZPDES #  | TYPE | Application Status          | Permit Exp Date | Date Appl Due | App Received | LTFNum | Proj Mgr |
|--|-----------|------|-----------------------------|-----------------|---------------|--------------|--------|----------|
| AGUA NUEVA WRF                                   | AZ0026107 | Maj  | Renewal Application Pending | 7/10/2018       | 1/11/2018     |              |        |          |
| ARIZONA CITY SANITARY DISTRICT - WWTP            | AZ0024244 | Maj  | Renewal Application Pending | 7/25/2018       | 1/26/2018     |              |        |          |
| ORACLE SANITARY DISTRICT WWTP                    | AZ0020681 | Min  | Renewal Application Pending | 9/12/2018       | 3/16/2018     |              |        |          |
| SRP - KYRENE GENERATING STATION K-7              | AZ0024791 | Maj  | Renewal Application Pending | 9/23/2018       | 3/27/2018     |              |        |          |
| CITY OF PHOENIX - RIO SALADO HABITAT RESTORATION | AZ0024554 | Maj  | Renewal Application Pending | 9/30/2018       | 4/3/2018      |              |        |          |
| JRC GOODYEAR                                     | AZ0025747 | Min  | Renewal Application Pending | 10/3/2018       | 4/6/2018      |              |        |          |
| PILOT TRAVEL CENTER #328                         | AZ0025658 | Min  | Renewal Application Pending | 12/3/2018       | 6/6/2018      |              |        |          |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.2 CWA 401 Certification Review of Federal Permits and Licenses

Conduct CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.

#### 3.2 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section | Grant |
|---|-------------|--------|---------------------|-------|
| 1 Report certification decisions on State 401 applications. (Refer to 401 Certification Actions Table following Task 3.2) Report certification decisions. |             |        |                     | PPG   |
| a Regional CWA 404 general permits  | Semi-Annual |        | Surface Water       |       |
| b Individual CWA 404 permits  | Semi-Annual |        | Surface Water       |       |
| c Nationwide CWA 404 permits  | Semi-Annual |        | Surface Water       |       |
| d Other federal permit or licenses applications   | Semi-Annual |        | Surface Water       |       |

| 3.2 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total  |
|------------------------|------|-----------|--------|----------|--------|--------|
| PPG                    | 0.41 | 24,306    | 10,695 | 15,659   |        | 50,660 |
| TOTALS                 | 0.41 | 24,306    | 10,695 | 15,659   |        | 50,660 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.3 Regional Water Quality Management Planning

Carry out state and federal requirements of regional Water Quality Management Planning Program (CWA 208 Program). Track implementation of new WQM Plans (e.g., Yuma, SEAGO).

#### 3.3 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target    | Actual | Responsible Section | Grant    |
|---|-----------|--------|---------------------|----------|
| 1 Process WQM Plan Amendments/Updates. Report status of amendments received. (Refer to Regional WQM Planning Activity table following Task 3.3)               | 6/30/2017 |        | Water Permits       | 604(b)16 |
| 2 Process 208 conformance determinations. Report determinations. (Refer to Regional WQM Planning Activity table following Task 3.3)                           | 6/30/2017 |        | Water Permits       | 604(b)16 |
| 3 Coordinate and assist Regional organization in their planning efforts, including evaluating the necessity for a revised State Water Quality Management Plan | 6/30/2017 |        | Water Permits       | PPG      |

| 3.3 FTE Funding Source                    | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|---|------|-----------|--------|----------|--------|---------|
| PPG                                       | 0.35 | 15,417    | 6,783  | 9,932    |        | 32,132  |
| 604(b)16                                  | 0.65 | 28,632    | 12,025 | 18,191   |        | 58,848  |
| Aid to Orgs: Council of Gov't (604(b) 16) |      |           |        |          | 40,000 | 40,000  |
| TOTALS                                    | 1.00 | 44,049    | 18,808 | 28,123   | 40,000 | 130,980 |

#### End of Year Summary

#### 3.3 Table 1 - REGIONAL WATER QUALITY MANAGEMENT PLANNING

| ProjectName | PlanningAgency | ReviewType | PermitType | Date Received | Date Completed |
|-------------|----------------|------------|------------|---------------|----------------|
|-------------|----------------|------------|------------|---------------|----------------|

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.4 Surface Water Program Development

Perform support activities for surface water program including development of program rules, procedures, and policies.

#### 3.4 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section | Grant      |
|--|-----------|--------|---------------------|------------|
| 1 Finalize triennial review  |           |        |                     | PPG        |
| a Meet with Governor's Regulatory Review Council<br>Strategy 1.a.ii  | 7/31/2016 |        | Surface Water       |            |
| b Submit to EPA for final approval<br>Strategy 1.a.ii  | 8/31/2016 |        | Surface Water       |            |
| 2 Prepare draft narrative lakes nutrient criteria and implementation procedures for public comment.<br>Strategy 1.a.ii | 9/30/2016 |        | Surface Water       | NPS in PPG |
| 3 Draft Impaired Waters Identification Rule update for internal review.  | 8/31/2016 |        | Surface Water       | PPG        |

| 3.4 FTE Funding Source    | FTE  | Personnel | ERE    | Indirect | Others | Total  |
|---------------------------|------|-----------|--------|----------|--------|--------|
| WQFF - NPS in PPG [Match] | 0.10 | 6,503     | 2,861  | 4,190    |        | 13,554 |
| WQARF NPS in PPG [Match]  | 0.08 | 5,218     | 2,296  | 3,362    |        | 10,876 |
| PPG                       | 0.16 | 7,478     | 3,290  | 4,818    |        | 15,586 |
| NPS in PPG                | 0.41 | 23,490    | 10,336 | 15,134   |        | 48,960 |
| TOTALS                    | 0.75 | 42,689    | 18,783 | 27,504   |        | 88,976 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.5 Ambient Monitoring Program

Conduct ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assessment process, maintaining designated uses, and CWA-SDWA coordination.

#### 3.5 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target     | Actual | Responsible Section | Grant                        |
|---|------------|--------|---------------------|------------------------------|
| 1 Conduct ambient stream, lake, groundwater, fish, recreational beach, and intermittent stream monitoring according to the FY17 sample plan throughout Arizona.<br>Ambient sampling<br>Strategy 1.a.i | 6/30/2017  |        | Surface Water       | NPS in PPG, PPG, 106 Mon - 6 |
| 2 Send FY17 SAP to EPA.<br>Strategy 1.a.i   | 8/31/2016  |        | Surface Water       | NPS in PPG                   |
| 3 Prepare FY18 ambient monitoring plan<br>Strategy 1.a.i  | 6/30/2017  |        | Surface Water       |                              |
| 4 Complete groundwater basin report for:  |            |        |                     |                              |
| a Lower Gila Basin<br>Strategy 1.a.i  | 12/31/2016 |        | Surface Water       |                              |
| b Mexican Drainage Basin  | 6/30/2017  |        | Surface Water       |                              |

| 3.5 FTE Funding Source                 | FTE  | Personnel | ERE     | Indirect | Others  | Total     |
|--|------|-----------|---------|----------|---------|-----------|
| WQARF NPS in PPG [Match]               | 3.59 | 170,391   | 74,972  | 109,775  |         | 355,138   |
| PPG                                    | 1.90 | 88,401    | 38,896  | 56,953   |         | 184,250   |
| NPS in PPG                             | 1.48 | 80,378    | 35,366  | 51,784   |         | 167,528   |
| Contract: Lake Havasu Monitoring (PPG) |      |           |         |          | 8,000   | 8,000     |
| 106 Mon - 6                            | 0.25 | 13,946    | 6,136   | 8,985    |         | 29,067    |
| Contract: USGS (PPG)                   |      |           |         |          | 95,000  | 95,000    |
| Contract: Ambient Sampling (PPG)       |      |           |         |          | 203,700 | 203,700   |
| TOTALS                                 | 7.22 | 353,116   | 155,370 | 227,497  | 306,700 | 1,042,683 |

#### End of Year Summary



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.6 106 Monitoring

Conduct monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.

#### 3.6 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section | Grant                        |
|--|-----------|--------|---------------------|------------------------------|
| 1 Conduct nutrient monitoring for Rivers and Streams per FY17 sampling and analysis plan.<br>Strategy 1.a.i; Strategy 1.b.ii | Quarterly |        | Surface Water       | NPS in PPG, 106 Mon - 6      |
| 2 Intermittent Streams<br>Deploy random network flow sensors for year 2 of 2 year study<br>Strategy 1.a.i                    | 8/31/2016 |        | Surface Water       | NPS in PPG, PPG, 106 Mon - 6 |
| 3 Sample 19 sites selected by EPA for the National Wetland Condition Assessment  | 9/30/2016 |        | Surface Water       | NPS in PPG                   |
| 4 Sample 15 sites selected by EPA for the National Lake Survey   | 9/30/2017 |        | Surface Water       | 106 Mon - 6                  |

| 3.6 FTE Funding Source           | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|----------------------------------|------|-----------|--------|----------|--------|---------|
| WQARF NPS in PPG [Match]         | 0.26 | 18,974    | 8,349  | 12,224   |        | 39,547  |
| PPG                              | 0.37 | 18,294    | 8,049  | 11,786   |        | 38,129  |
| NPS in PPG                       | 0.33 | 16,552    | 7,283  | 10,664   |        | 34,499  |
| Contract: Monitoring (106 WPC-5) |      |           |        |          | 30,000 | 30,000  |
| 106 Mon - 6                      | 2.09 | 101,260   | 44,554 | 65,237   |        | 211,051 |
| TOTALS                           | 3.05 | 155,080   | 68,235 | 99,911   | 30,000 | 353,226 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### **TASK 3.7 305(b) Water Quality Assessment Report and 303(d) List**

Develop Integrated Report and list of impaired waters.

#### **3.7 DELIVERABLES:**

| <b>OUTPUT DESCRIPTION</b>                               | <b>Target</b> | <b>Actual</b> | <b>Responsible Section</b> | <b>Grant</b>    |
|---|---------------|---------------|----------------------------|-----------------|
| 1 Develop 2016 305(b) Integrated Report and 303(d)-List |               |               |                            | NPS in PPG, PPG |
| a Load assessment data to attains Strategy 1.a.i        | 7/15/2016     |               | Surface Water              |                 |

| <b>3.7 FTE Funding Source</b> | <b>FTE</b>  | <b>Personnel</b> | <b>ERE</b>    | <b>Indirect</b> | <b>Others</b> | <b>Total</b>   |
|-------------------------------|-------------|------------------|---------------|-----------------|---------------|----------------|
| PPG                           | 0.38        | 19,161           | 8,431         | 12,345          |               | 39,937         |
| NPS in PPG                    | 0.87        | 52,647           | 23,165        | 33,918          |               | 109,730        |
| TOTALS                        | <b>1.25</b> | <b>71,808</b>    | <b>31,596</b> | <b>46,263</b>   |               | <b>149,667</b> |

#### **End of Year Summary**

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Plan and manage a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs and EPA-approved alternative plans) to improve surface water quality.

#### 3.8 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target     | Actual | Responsible Section | Grant           |
|--|------------|--------|---------------------|-----------------|
| 1 Complete TMDLs for Queen Creek (6)   | 12/30/2016 |        | Surface Water       | NPS in PPG, PPG |
| Strategy 1.c.i   |            |        |                     |                 |
| 2 Complete TMDLs for Pinto Creek (4)   | 1/30/2017  |        | Surface Water       | NPS in PPG      |
| Strategy 1.c.i   |            |        |                     |                 |
| 3 Continue data collection and stakeholder engagement for Santa Cruz Clean Water Plan (4).                           | 6/30/2017  |        | Surface Water       | NPS in PPG      |
| Strategy 1.c.i   |            |        |                     |                 |
| 4 Complete data collection for San Pedro Clean Water Plan.   | 6/30/2017  |        | Surface Water       | NPS in PPG      |
| Strategy 1.c.i   |            |        |                     |                 |
| 5 Complete Davidson Canyon baseline monitoring.  | 6/30/2017  |        | Surface Water       | PPG             |
| Strategy 1.c.i   |            |        |                     |                 |
| 6 Identify high-priority restoration and protection watersheds for NPS resources and share with EPA/on ADEQ website. | 9/30/2016  |        | Surface Water       |                 |
| Strategy 1.b.i; Strategy 1.b.ii  |            |        |                     |                 |
| 7 NPS Program Planning   |            |        |                     |                 |
| a Host multi-agency nonpoint source prioritization meeting   | 11/30/2016 |        | Surface Water       |                 |
| Objective 3.c  |            |        |                     |                 |
| b Coordinate with NRCS on National Water Quality Initiative (NWQI) planning and outreach activities for FY17.        | 6/30/2017  |        | Surface Water       |                 |
| Strategy 3.b.ii; Strategy 4.a.i  |            |        |                     |                 |
| 8 WQIG Cycle Development   |            |        |                     |                 |
| a Host 2 project planning events for potential grantees  | 6/30/2017  |        | Surface Water       |                 |
| Strategy 3.b.ii; Strategy 3.c.i  |            |        |                     |                 |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.8 Watershed Plan and TMDL Development and Nonpoint Source Program Planning Activities

Continued

#### 3.8 DELIVERABLES:

| OUTPUT DESCRIPTION              | Target    | Actual | Responsible Section | Grant |
|---------------------------------|-----------|--------|---------------------|-------|
| b Release WQIG Cycle 19 RFGA    | 9/15/2016 |        | Surface Water       |       |
| c Award Cycle 19 project grants | 3/31/2017 |        | Surface Water       |       |

| 3.8 FTE Funding Source               | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|--------------------------------------|------|-----------|--------|----------|--------|---------|
| WQARF NPS in PPG [Match]             | 0.58 | 29,492    | 12,976 | 19,000   |        | 61,468  |
| PPG                                  | 0.25 | 16,323    | 7,182  | 10,516   |        | 34,021  |
| NPS in PPG                           | 2.70 | 155,004   | 68,202 | 99,862   |        | 323,068 |
| Contract: TMDL Sampling (NPS in PPG) |      |           |        |          | 60,000 | 60,000  |
| Contract: TMDL Sampling (PPG)        |      |           |        |          | 27,300 | 27,300  |
| TOTALS                               | 3.53 | 200,819   | 88,360 | 129,378  | 87,300 | 505,857 |

End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Implement watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes.

#### 3.9 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target                          | Actual | Responsible Section | Grant      |
|---|---------------------------------|--------|---------------------|------------|
| 1 Oversee ongoing implementation projects and technical support contracts to ensure timely completion.<br><br>Objective 2.a; Strategy 3.b.iii                                   | Semi Annual Status Table Update |        | Surface Water       | NPS in PPG |
| 2 Effectiveness monitoring and BMP evaluations.   |                                 |        |                     | NPS in PPG |
| a Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY17.<br>Strategy 4.a.i  | 7/30/2016                       |        | Surface Water       |            |
| b Implement FY17 Effectiveness Monitoring & Evaluation Plan<br><br>Strategy 4.a.i   | Semi Annual Status Table Update |        | Surface Water       |            |
| 3 Implement general nonpoint source education, outreach, and technical support activities as requested.   |                                 |        |                     | NPS in PPG |
| a Statewide education and outreach.<br><br>Strategy 1.c.ii; Strategy 1.c.iii; Strategy 2.b.i; Objective 3.b   | Semi Annual Status Table Update |        | Surface Water       |            |
| 4 Conduct monthly update calls with EPA Region 9.<br><br>Objective 4.b  | Monthly                         |        | Surface Water       | NPS in PPG |
| 5 Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up to date for existing projects.<br><br>Objective 4.b | 2/15/2017                       |        | Surface Water       |            |
| 6 Develop list of potential waters for WQ-10 and/or SP-12 reporting to EPA.<br><br>Objective 4.b  | 12/31/2016                      |        | Surface Water       |            |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

#### 3.9 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target                                | Actual | Responsible Section | Grant |
|---|---------------------------------------|--------|---------------------|-------|
| 7 Draft and submit two WQ-10 and/or SP-12 reports to EPA.<br><br>Objective 4.b  | 6/30/2017                             |        | Surface Water       |       |
| 8 NWQI reporting<br><br>Objective 4.b   | Semi Annual<br>Status Table<br>Update |        | Surface Water       |       |
| 9 Report on annual progress of implementing the 2015 - 2019 NPS 5-year plan     |                                       |        |                     |       |
| a Submit draft annual report to EPA for review and comment<br><br>Objective 4.b | 7/31/2016                             |        | Surface Water       |       |
| 10 Report on annual progress of implementing the 2015 - 2019 NPS 5-year plan    |                                       |        |                     |       |
| b Submit final annual report to EPA<br><br>Objective 4.b                        | 9/30/2016                             |        | Surface Water       |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: SWR**

### TASK 3.9 NPS Project Implementation, Effectiveness Monitoring/Evaluation, and Reporting

Continued

| 3.9 FTE Funding Source                  | FTE         | Personnel      | ERE            | Indirect       | Others           | Total            |
|---|-------------|----------------|----------------|----------------|------------------|------------------|
| WQARF NPS in PPG [Match]                | 0.25        | 11,086         | 4,878          | 7,142          |                  | 23,106           |
| NPS in PPG                              | 4.40        | 239,328        | 105,304        | 154,188        |                  | 498,820          |
| Aid to Orgs: NPS Projects (NPS Proj 27) |             |                |                |                | 1,276,500        | 1,276,500        |
| <b>TOTALS</b>                           | <b>4.65</b> | <b>250,414</b> | <b>110,182</b> | <b>161,330</b> | <b>1,276,500</b> | <b>1,798,426</b> |

### End of Year Summary

#### Tasks 3.8 and 3.9

Task #: 3.9 Project Name: NWQI Reporting Project Type: Effectiveness Monitoring  
 Purpose: NWQI Pollutant:  
 Milestone: (To be filled out with FY17 data prior to finalization of workplan)

Task #: Project Name: Implement general nonpoint source education, outreach, and technical support activities as requested. Project Type:  
 Purpose: Pollutant:  
 Milestone: (To be filled out with FY17 data prior to finalization of workplan)

Task #: Project Name: Effectiveness monitoring and BMP evaluations. Project Type: Effectiveness Monitoring; BMP Evaluation  
 Purpose: Pollutant:  
 Milestone: (To be filled out with FY17 data prior to finalization of workplan)

Task #: Project Name: Oversee ongoing implementation projects and technical support contracts to ensure timely completion. Project Type: NPS Implementation  
 Purpose: Pollutant:  
 Milestone: (To be filled out with FY17 data prior to finalization of workplan)

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR, DWR

#### TASK 4.1 Drinking Water Compliance and Enforcement

Conduct compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields.

Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress towards meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.

#### 4.1 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section | Grant                   |
|---|-------------|--------|---------------------|-------------------------|
| 1 Report the number of Drinking water sanitary surveys conducted, prioritized by date of last survey.   |             |        |                     | DWSRF 15%,<br>DWSRF 10% |
| a Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle. | TBD         |        | Compliance          |                         |
| b Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.  | TBD         |        | Compliance          |                         |
| c Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.   | TBD         |        | Compliance          |                         |
| d Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.  | TBD         |        | Compliance          |                         |
| 2 Report the total number of complaints investigated related to drinking water.   | Semi-Annual |        | Compliance          | PPG                     |
| 3 Report the total number of complaints/non-routine drinking water inspections.   | Semi-Annual |        | Compliance          | PPG                     |
| 4 Report the total number of informal Drinking Water Enforcement Actions.   |             |        |                     | PPG                     |
| a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued   | Semi-Annual |        | Compliance          |                         |
| b. Number of NOC/NOV Closures   | Semi-Annual |        | Compliance          |                         |



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR, DWR

#### TASK 4.1 Drinking Water Compliance and Enforcement

Continued

| 4.1 DELIVERABLES:  |             |        |                     |                |
|--|-------------|--------|---------------------|----------------|
| OUTPUT DESCRIPTION   | Target      | Actual | Responsible Section | Grant          |
| 5 Report the total number of formal Drinking Water Enforcement Actions.  |             |        |                     | PPG            |
| a. Number of Administrative Orders issued.   | Semi-Annual |        | Compliance          |                |
| b. Number of Administrative Orders terminated  | Semi-Annual |        | Compliance          |                |
| 6 Evaluate and respond to EPA's July 2015 Enforcement Tracking Tool (ETT) Report.  |             |        |                     | PPG, DWSRF 10% |
| a. Address all water systems with a score of 11 or higher.   | 7/1/2017    |        | Compliance          |                |
| b. During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher. | Quarterly   |        | Compliance          |                |
| 7 Hold monthly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions  | Monthly     |        | Compliance          |                |

| 4.1 FTE Funding Source | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-DWSRF 10% [Match] | 0.30  | 18,572    | 8,172   | 11,965   |        | 38,709    |
| WQFF- PPG [Match]      | 0.48  | 24,101    | 10,604  | 15,527   |        | 50,232    |
| WQFF                   | 1.15  | 64,678    | 28,458  | 41,669   |        | 134,805   |
| SDW (VEI)              | 3.30  | 160,151   | 70,466  | 103,178  |        | 333,795   |
| PPG                    | 0.70  | 31,439    | 13,833  | 20,255   |        | 65,527    |
| DWSRF 15%              | 0.40  | 17,782    | 7,824   | 11,456   |        | 37,062    |
| DWSRF 10%              | 3.76  | 170,463   | 75,004  | 109,822  |        | 355,289   |
| TOTALS                 | 10.09 | 487,186   | 214,361 | 313,872  |        | 1,015,419 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

### OBJECTIVE 2.1 Protect Human Health

Program: GWR, DWR

#### TASK 4.2 Groundwater Compliance and Enforcement

Implement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

#### 4.2 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target      | Actual | Responsible Section | Grant                     |
|---|-------------|--------|---------------------|---------------------------|
| 1 Report the number of inspections of facilities possessing the following permit types according to risk-based inspection criteria. |             |        |                     | PPG, DWSRF 15%, DWSRF 10% |
| a. Individual APP; General APP/GQPP/NOD/Reuse   | 32          |        | Compliance          |                           |
| 2 Report the total number of Informal Groundwater Enforcement Actions   |             |        |                     | PPG                       |
| a. Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.                                    | Semi-Annual |        | Compliance          |                           |
| b. Number of NOC/NOV Closures issued  | Semi-Annual |        | Compliance          |                           |
| 3 Report the total number of Formal Groundwater Enforcement Actions.  |             |        |                     | PPG                       |
| a. Number of Administrative Orders issued.  | Semi-Annual |        | Compliance          |                           |
| b. Number of Administrative Orders terminated   | Semi-Annual |        | Compliance          |                           |

| 4.2 FTE Funding Source | FTE   | Personnel | ERE     | Indirect | Others | Total     |
|------------------------|-------|-----------|---------|----------|--------|-----------|
| WQFF-DWSRF 10% [Match] | 2.35  | 104,745   | 46,088  | 67,483   |        | 218,316   |
| WQFF- PPG [Match]      | 1.15  | 57,360    | 25,238  | 36,955   |        | 119,553   |
| WQFF                   | 3.39  | 181,285   | 79,765  | 116,794  |        | 377,844   |
| PPG                    | 2.26  | 95,350    | 41,953  | 61,428   |        | 198,731   |
| DWSRF 15%              | 1.86  | 108,219   | 47,616  | 69,721   |        | 225,556   |
| DWSRF 10%              | 0.55  | 24,782    | 10,904  | 15,966   |        | 51,652    |
| TOTALS                 | 11.56 | 571,741   | 251,564 | 368,347  |        | 1,191,652 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### **TASK 4.3 Surface Water Compliance and Enforcement**

Conduct site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004).

Pretreatment audits and inspections shall be performed in accordance with "Pretreatment Compliance Inspection and Audit Manual for Approval Authorities" (EPA 833/B-86-100, July 1986)

Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State's SIU inventory.

Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.

Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules.

Manage the Arizona data in the ICIS-NPDES data system according to EPA data policies[1] and EPA's NPDES electronic reporting rule. This includes data collection, data entry to ICIS-NPDES of required data elements, and reporting. Data sources can include dischargers, state databases, and contractors. Per the rule's requirements, submit a "State Implementation Plan" for meeting phase 2 data requirements and ensure all DMR data is submitted electronically no later than December 21, 2016 with the exception of the storm water data which shall be entered in compliance with the PPG grant condition.

The final rule is effective on December 21, 2015. The incorporation by reference of certain publications listed in this rule was approved by the Director of the Federal Register as of February 7, 2000. In accordance with 40 CFR part 23, this regulation shall be considered issued for purposes of judicial review at 1 p.m. Eastern time on November 5, 2015. The start dates for electronic reporting are provided in 40 CFR 127.16.

#### **4.3 DELIVERABLES:**

| <b>OUTPUT DESCRIPTION</b>  | <b>Target</b> | <b>Actual</b> | <b>Responsible Section</b> | <b>Grant</b> |
|--|---------------|---------------|----------------------------|--------------|
| b Timely and/or appropriate enforcement actions (see item 12)  |               |               |                            |              |
| 1 Conduct the targeted number of AZPDES point source inspections:  |               |               |                            | PPG          |
| a. Perform scheduled compliance inspections of all major facilities that are operational every other year. | 35            |               | Surface Water              |              |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### TASK 4.3 Surface Water Compliance and Enforcement

Continued

| 4.3 DELIVERABLES:  |           |        |                     |       |
|--|-----------|--------|---------------------|-------|
| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section | Grant |
| b. Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.  | 18        |        | Surface Water       |       |
| c. ADEQ will continue negotiations toward a risk-based approach for inspection to EPA.   | 6/30/2017 |        | Surface Water       |       |
| 2 Conduct the targeted number of inspections of stormwater facilities subject to general permitting requirements   |           |        |                     | PPG   |
| a. Industrial  | 50        |        | Surface Water       |       |
| b.i. Phase 1 (facilities larger than 5 acres)  | 30        |        | Surface Water       |       |
| b.ii. Phase 2 (facilities between 1-5 acres)<br>*Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections. | 7         |        | Surface Water       |       |
| 3 Conduct the targeted number of inspections of CAFO/AFO facilities (permitted and unpermitted).   |           |        |                     | PPG   |
| a. Inspect all AZPDES permitted CAFOs on a five-year cycle.  | 1         |        | Surface Water       |       |
| b. Inspect unpemitted CAFOs, as needed   | 0         |        | Surface Water       |       |
| 4 Conduct the targeted number of Biosolids Inspections.  |           |        |                     |       |
| a. Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).  | 5         |        | Surface Water       |       |
| b. Large commercial applications annually.   | 4         |        | Surface Water       |       |
| c. Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.   | 2         |        | Surface Water       |       |
| 5 Review annual reports submitted under biosolids rule.  | 28        |        | Surface Water       |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### TASK 4.3 Surface Water Compliance and Enforcement

Continued

| 4.3 DELIVERABLES:   |                 |        |                     |       |
|---|-----------------|--------|---------------------|-------|
| OUTPUT DESCRIPTION  | Target          | Actual | Responsible Section | Grant |
| 6 Manage the pretreatment program.  |                 |        |                     | PPG   |
| a. Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.   | 19              |        | Surface Water       |       |
| b. Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements. | 4               |        | Surface Water       |       |
| c. Report the total number of pretreatment compliance inspections (PCIs) conducted for approved pretreatment programs. (A PCI shall not be conducted in the same year as a pretreatment audit.)   | 8               |        | Surface Water       |       |
| d. Report the total number of SIU-oversight inspections (POTW with an SIU-oversight only pretreatment program). The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.                          | Once in 5 years |        | Surface Water       |       |
| 7 Report the total number of sanitary sewers inspected.   | 6               |        | Surface Water       |       |
| 8 Report total number of complaints investigated relating to Clean Water Act.   |                 |        |                     | PPG   |
| a. Compliants received.   | Semi-Annual     |        | Surface Water       |       |
| b. Number of complaint/non-routine surface water inspections.   | 6/30/2016       |        | Surface Water       |       |
| 9 Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:  |                 |        |                     |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### TASK 4.3 Surface Water Compliance and Enforcement

Continued

| 4.3 DELIVERABLES:  |                                   |             |        |                           |
|--|-----------------------------------|-------------|--------|---------------------------|
| OUTPUT DESCRIPTION   |                                   | Target      | Actual | Responsible Section Grant |
| a.   | MSGP<br>Issued; Closed            | Semi-Annual |        | Surface Water             |
| b.   | CGP<br>Issued; Closed             | Semi-Annual |        | Surface Water             |
| c.   | Biosolids<br>Issued; Closed       | Semi-Annual |        | Surface Water             |
| d.   | CAFO<br>Issued; Closed            | Semi-Annual |        | Surface Water             |
| 10 Report a list of formal enforcement actions for any data not reported to ICIS.                                  |                                   |             |        |                           |
| a.   | Administrative orders issued      | Semi-Annual |        | Surface Water             |
| b.   | Administrative orders terminated. | Semi-Annual |        | Surface Water             |
| 11 Complete a review and provide a response to automated QNCR (major/minor) data to identity and data inaccuracies |                                   |             |        | Surface Water             |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### TASK 4.3 Surface Water Compliance and Enforcement

Continued

| 4.3 DELIVERABLES:   |          |        |                     |       |
|---|----------|--------|---------------------|-------|
| OUTPUT DESCRIPTION  | Target   | Actual | Responsible Section | Grant |
| 12 Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. (*) Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list.<br><br>Notes:<br>EPA's policy defines "timely" enforcement as formal enforcement taken against a facility in significant non-compliance ("SNC") within 5 ½ months of the end of the quarter in which the facility first appears as SNC on a Quarterly Non-Compliance Report ("QNCR"). Formal enforcement is defined by EPA as an administrative order or civil action that requires the facility to return to compliance. EPA will consider taking formal enforcement action against SNC facilities if ADEQ does not issue a timely formal enforcement action. | Monthly  |        | Surface Water       |       |
| 13 Update the compliance monitoring strategy for FY17.  | 8/1/2016 |        |                     |       |
| 14 Complete the outstanding action items from the 2014 State Review Framework report  |          |        |                     |       |
| a Enter SEVs into ICIS (see general language for data entry on page 39) Meet with EPA by July 29, 2016 to discuss ICIS entry options  |          |        |                     |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.2** Protect and Restore Watersheds and Aquatic Ecosystems

**Program: GWR, SRW**

### TASK 4.3 Surface Water Compliance and Enforcement

Continued

| <b>4.3 FTE Funding Source</b> | <b>FTE</b>   | <b>Personnel</b> | <b>ERE</b>     | <b>Indirect</b> | <b>Others</b> | <b>Total</b>     |
|-------------------------------|--------------|------------------|----------------|-----------------|---------------|------------------|
| WQFF- PPG [Match]             | 2.50         | 116,931          | 51,450         | 75,333          |               | 243,714          |
| WQFF- NPS in PPG [Match]      | 0.43         | 22,592           | 9,940          | 14,555          |               | 47,087           |
| WQFF                          | 5.43         | 311,296          | 136,970        | 200,554         |               | 648,820          |
| PPG                           | 3.22         | 155,757          | 68,533         | 100,347         |               | 324,637          |
| TOTALS                        | <b>11.58</b> | <b>606,576</b>   | <b>266,893</b> | <b>390,789</b>  |               | <b>1,264,258</b> |

**End of Year Summary**



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.1 Division & Section Management & Support

Manage Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WQD programs. Process fees and related administrative tasks for the Division.

#### 5.1 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target    | Actual | Responsible Section | Grant          |
|---|-----------|--------|---------------------|----------------|
| 1 Participate in EPA/ADEQ grant meetings:   |           |        |                     | PPG, DWSRF 10% |
| a End of year review for FY16   | 9/30/2016 |        | All Sections        |                |
| b Mid-year review for FY17  | 2/28/2017 |        | All Sections        |                |
| c EPA negotiation meetings for FY18   | 3/31/2017 |        | All Sections        |                |
| 2 Manage division rules agenda  |           |        |                     | PPG            |
| a 5-year reviews  | 6/30/2017 |        | Director            |                |
| b Executive Order 2015-01 reducing regulatory burden  | 8/1/2016  |        | Director            |                |
| c Rule packages with governor's exemption   | 6/30/2017 |        | Director            |                |
| 3 Manage receipt of fees and permit invoicing for the Division  | 6/30/2017 |        | Deputy Director     |                |
| 4 If resources are available, ADEQ will attend the:<br>Fall ASDWA meetings and associated ASDWA-EPA roundtable discussions.   | 6/30/2017 |        | Drinking Water      |                |
| 5 If resources are available, ADEQ will attend the:<br>Spring ASDWA meetings and associated ASDWA-EPA roundtable discussions. | 6/30/2017 |        | Drinking Water      |                |
| 6 If resources are available, ADEQ will attend the EPA Region 9 State Directors meeting.                                      | 6/30/2017 |        | Drinking Water      |                |
| 7 If resources available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.        | 6/30/2017 |        | Drinking Water      |                |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.1 Division & Section Management & Support

Continued

#### 5.1 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target     | Actual | Responsible Section | Grant |
|--|------------|--------|---------------------|-------|
| 8 4)In keeping with EPA Region 9's Greening Grants Policy, ADEQ will identify any appropriate goals and measures for the Agency in the areas of environmental preferable purchasing, resource conservation and disposal, and/or energy efficiency and conservation |            |        | Director            |       |
| 9 Collaborate with EPA Region 9 to generate a draft update to the Arizona/EPA Accord   | 10/31/2016 |        | Director            |       |
| 10 Collaborate with EPA Region 9 to generate a final version Arizona/EPA Accord  | 6/30/2017  |        | Director            |       |

| 5.1 FTE Funding Source           | FTE   | Personnel | ERE     | Indirect | Others  | Total     |
|----------------------------------|-------|-----------|---------|----------|---------|-----------|
| WQFF- PPG [Match]                | 0.41  | 46,228    | 20,340  | 29,783   |         | 96,351    |
| WQFF                             | 7.95  | 549,623   | 241,834 | 354,098  |         | 1,145,555 |
| SDW (VEI) DWSRF 10% [Match]      | 1.00  | 68,519    | 30,148  | 44,144   |         | 142,811   |
| SDW (VEI)                        | 2.06  | 158,861   | 69,899  | 102,347  |         | 331,107   |
| PPG                              | 3.86  | 230,313   | 101,338 | 148,381  |         | 480,032   |
| DWSRF 10%                        | 0.38  | 25,004    | 11,002  | 16,109   |         | 52,115    |
| Contract: Agency Director (WQFF) |       |           |         |          | 23,500  | 23,500    |
| Contract: Program Support (WQFF) |       |           |         |          | 20,000  | 20,000    |
| Contract: Permit Appeals (WQFF)  |       |           |         |          | 30,000  | 30,000    |
| Contract: Attorney General (PPG) |       |           |         |          | 100,000 | 100,000   |
| TOTALS                           | 15.66 | 1,078,548 | 474,561 | 694,862  | 173,500 | 2,421,471 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.2 Water Quality Planning

Coordinate the development and amendment of annual water quality work plans and grants. Plan, control and monitor expenditures of manpower and state/federal financial resources.

| 5.2 DELIVERABLES:  |  |        |                     |       |
|--|--|--------|---------------------|-------|
| OUTPUT DESCRIPTION   | Target   | Actual | Responsible Section | Grant |
| 1 Develop annual FY18 Integrated Water Quality Division Workplan and submit to EPA.      |  |        |                     | PPG   |
| a Draft  | 2/28/2017  |        | Deputy Director     |       |
| b Final  | 5/31/2017  |        | Deputy Director     |       |
| 2 Coordinate development of performance reports  |  |        |                     | PPG   |
| a Final FY16 Output Report to EPA  | 8/31/2016  |        | Deputy Director     |       |
| b FY17 Mid-Year Output Report to EPA   | 2/15/2017  |        | Deputy Director     |       |
| 3 WQ Planning documents  |  |        |                     | PPG   |
| ai Submit Budget Status Reports (BSR) summaries for: Performance Partnership Grant (PPG) | Quarterly:<br>10/31/2016<br>1/31/2017<br>4/30/2017 |        | Deputy Director     |       |
| aii Submit Budget Status Reports (BSR) summaries for: DWSRF Federal (15%) Set-Aside      | Quarterly:<br>10/31/2016<br>1/31/2017<br>4/30/2017 |        | Deputy Director     |       |
| aiii Submit Budget Status Reports (BSR) summaries for: Wellhead (10%) Set-Aside          | Quarterly:<br>10/31/2016<br>1/31/2017<br>4/30/2017 |        | Deputy Director     |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.2 Water Quality Planning

Continued

| 5.2 FTE Funding Source | FTE  | Personnel | ERE   | Indirect | Others | Total  |
|------------------------|------|-----------|-------|----------|--------|--------|
| PPG                    | 0.50 | 17,425    | 7,667 | 11,226   |        | 36,318 |
| TOTALS                 | 0.50 | 17,425    | 7,667 | 11,226   |        | 36,318 |

End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.3 Water Quality Data Management

Facilitate the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate water data capture, storage, access, retrievals, analysis, integration, and sharing.

All water quality data generated in accordance with an EPA approved Quality Assurance Project Plan will be transmitted into the Agency's Storage and Retrieval (STORET) data warehouse using either the Water Quality Exchange (WQX) or WQXweb. Water quality data that are appropriate for STORET include physical, chemical, and biological sample results for water, sediment and fish tissue. The data include toxicity data, microbiological data, and the metrics and indices generated from biological and habitat data. WQX is the water data schema associated with the EPA, State and Tribal Exchange Network. More information about WQX, WQXweb, and the STORET warehouse, including tutorials, can be found at <http://www.epa.gov/storet/wqx/>

### 5.3 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target     | Actual | Responsible Section   | Grant |
|---|------------|--------|---|-------|
| 1 Conduct gap analysis to inform design and programming of the required systems to implement EPA's E-reporting rule, including E-DMR.                             | 6/30/2017  |        | ITS<br>Director<br>Compliance   | PPG   |
| 2 Complete gap analysis to allow participating laboratories to transmit test data to SDWIS via CMDP, pending completion of CMDP.                                  | 12/31/2016 |        | ITS<br>Director<br>Drinking Water   |       |
| 3 Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.                   | 6/30/2017  |        | ITS<br>Director   | PPG   |
| 4 Continue to assist in the analysis and design of myDEQ.   | 6/30/2017  |        | ITS<br>Director<br>Permits<br>Surface Water<br>Compliance<br>Drinking Water |       |
| 5 Water Quality Database  |            |        |   | PPG   |
| a Install new software and complete data migration to manage water quality data.  | 6/30/2017  |        | ITS<br>Director<br>Surface Water  |       |
| b Diagnose and fix bugs in current water quality database, including data loads to EPA Water Quality Exchange network during transition to new database solution. | 6/30/2017  |        | ITS<br>Director<br>Surface Water  |       |

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.3 Water Quality Data Management

Continued

#### 5.3 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section                            | Grant |
|--|-----------|--------|--|-------|
| 6 Stormwater general permits   |           |        |  |       |
| a Diagnose and fix bugs related to permits in storm water database, including annual fees program.                                     | 6/30/2017 |        | ITS<br>Director<br>Surface Water               |       |
| b Diagnose and fix bugs related to storm water database e-permitting system, Smart-NOI.  | 6/30/2017 |        | ITS<br>Director<br>Surface Water               |       |
| 7 Reporting  |           |        |  |       |
| a Continue to develop a data warehouse solution for storm water permits, class V injection wells and Discharge Monitoring Report data. | 6/30/2017 |        | ITS<br>Director<br>Surface Water<br>Compliance |       |

| 5.3 FTE Funding Source         | FTE  | Personnel | ERE     | Indirect | Others | Total     |
|--------------------------------|------|-----------|---------|----------|--------|-----------|
| WQFF                           | 8.10 | 589,831   | 259,526 | 380,002  |        | 1,229,359 |
| PPG                            | 0.88 | 57,370    | 25,243  | 36,961   |        | 119,574   |
| Contract: SAIC (SDW-VEI)       |      |           |         |          | 30,000 | 30,000    |
| Contract: Data Warehouse (PPG) |      |           |         |          | 65,200 | 65,200    |
| TOTALS                         | 8.98 | 647,201   | 284,769 | 416,963  | 95,200 | 1,444,133 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR**

### TASK 5.4 WIFA Support

Provide water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.

### 5.4 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target                         | Actual | Responsible Section             | Grant |
|---|--------------------------------|--------|---------------------------------|-------|
| 1 Provide engineering consultation to WIFA project managers during loan application process:  |                                |        |                                 |       |
| a Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.                                 | 2-5 projects every other month |        | Water Permits<br>Drinking Water |       |
| b Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.     | 3 projects every other month   |        | Water Permits<br>Drinking Water |       |
| c Assist with WIFA review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans.                               | 2-4 wastewater projects        |        | Water Permits<br>Drinking Water |       |
| 2 Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance. | 6 visits per year              |        | Water Permits<br>Drinking Water |       |
| 3 Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.                              | 6/30/2017                      |        | Water Permits<br>Drinking Water |       |

| 5.4 FTE Funding Source | FTE  | Personnel | ERE   | Indirect | Others | Total  |
|------------------------|------|-----------|-------|----------|--------|--------|
| SDW (VEI)              | 0.25 | 19,633    | 8,639 | 12,649   |        | 40,921 |
| TOTALS                 | 0.25 | 19,633    | 8,639 | 12,649   |        | 40,921 |

### End of Year Summary

# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program: GWR, DWR, SWR**

### TASK 5.5 Border Strategy

Continue implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region.

Coordinate with EPA on Border 2020, or subsequent U.S.-Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program.

### 5.5 DELIVERABLES:

| OUTPUT DESCRIPTION  | Target    | Actual | Responsible Section | Grant     |
|---|-----------|--------|---------------------|-----------|
| 1 Continue support of the wastewater pretreatment program in the Ambos Nogales border region.<br>Specific activities include:   |           |        |                     |           |
| a Provide technical support to stakeholders<br>Strategy 3.c.i   | 6/30/2017 |        | SRO                 |           |
| b Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities   | 6/30/2017 |        | SRO                 |           |
| c Assist with coordination of training to enhance local pretreatment efforts  | 6/30/2017 |        | SRO                 |           |
| d Assist with source characterization of regulated contaminants   | 6/30/2017 |        | SRO                 |           |
| 2 Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales<br><br>Strategy 3.c.i | 6/30/2017 |        | SRO                 | DWSRF 15% |
| 3 Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.   | 6/30/2017 |        | SRO                 |           |
| 4 Coordinate with EPA on Border 2020 and provide technical support as feasible on projects funded through the program.  | 6/30/2017 |        | SRO                 |           |



# SFY 2017 WORKPLAN

## GOAL #2: Protecting America's Waters

**OBJECTIVE 2.1, 2.2** Protect Human Health & Protect and Restore Watersheds and Aquatic Ecosystems (2.1 & 2.2)

**Program:** GWR, DWR, SWR

### TASK 5.5 Border Strategy

Continued

#### 5.5 DELIVERABLES:

| OUTPUT DESCRIPTION   | Target    | Actual | Responsible Section | Grant |
|--|-----------|--------|---------------------|-------|
| 5 Assist in TMDL and groundwater quality investigations for sites located in the border region as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings.<br><br>Strategy 1.c.i; Strategy 1.c.ii | 6/30/2016 |        | SRO                 |       |
| 6 Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region.  | 6/30/2017 |        | SRO                 |       |
| 7 Provide bilingual compliance assistance to customers in the border region.   | 6/30/2017 |        | SRO                 |       |

| 5.5 FTE Funding Source | FTE  | Personnel | ERE    | Indirect | Others | Total   |
|------------------------|------|-----------|--------|----------|--------|---------|
| WQFF                   | 0.97 | 64,164    | 28,232 | 41,338   |        | 133,734 |
| DWSRF 15%              | 0.33 | 21,836    | 9,608  | 14,068   |        | 45,512  |
| TOTALS                 | 1.30 | 86,000    | 37,840 | 55,406   |        | 179,246 |

#### End of Year Summary

# SFY 2017 WORKPLAN

## **EPA LABORATORY COMPETENCY POLICY**

The Arizona Department of Environmental Quality (ADEQ), Water Quality Division certifies that laboratories providing data to ADEQ per approved workplan activities has/have the appropriate certification/accreditation/QA documentation and has/have been evaluated by the ADEQ to determine that the laboratory (ies) has/have demonstrated competency in the requested fields of analyses, as required by EPA's Laboratory Competency Policy.